

A Sample Size Table for Proportions¹

Degree of Accuracy = + .05		Proportion of Sample Size = 0.5		Confidence Level = 95%	
Population	Sample	Population	Sample	Population	Sample
10	9	230	144	1,400	301
15	14	240	147	1,500	305
20	19	250	151	1,600	309
25	23	260	155	1,700	313
30	27	270	158	1,800	316
35	32	280	162	1,900	319
40	36	290	165	2,000	322
45	40	300	168	2,200	327
50	44	320	174	2,400	331
55	48	340	180	2,600	334
60	52	360	186	2,800	337
65	55	380	191	3,000	340
70	59	400	196	3,500	346
75	62	420	200	4,000	350
80	66	440	205	4,500	354
85	69	460	209	5,000	356
90	73	480	213	6,000	361
95	76	500	217	7,000	364
100	79	550	226	8,000	366
110	85	600	234	9,000	368
120	91	650	241	10,000	369
130	97	700	248	15,000	374
140	102	750	254	20,000	376
150	108	800	259	30,000	379
160	113	850	264	40,000	380
170	118	900	269	50,000	381
180	122	950	273	60,000	381
190	127	1,000	277	70,000	382
200	131	1,100	284	120,000	382
210	136	1,200	291	160,000	383
220	140	1,300	296	1,000,000	383

This table tells you the number of people you must survey to accurately represent the views of the population under study.

¹R. Zemke/T. Kramlinger, *Figuring Things Out*, © 1982, Addison-Wesley Publishing Co., Inc., Reading, Massachusetts. Reprinted by permission of the publisher.